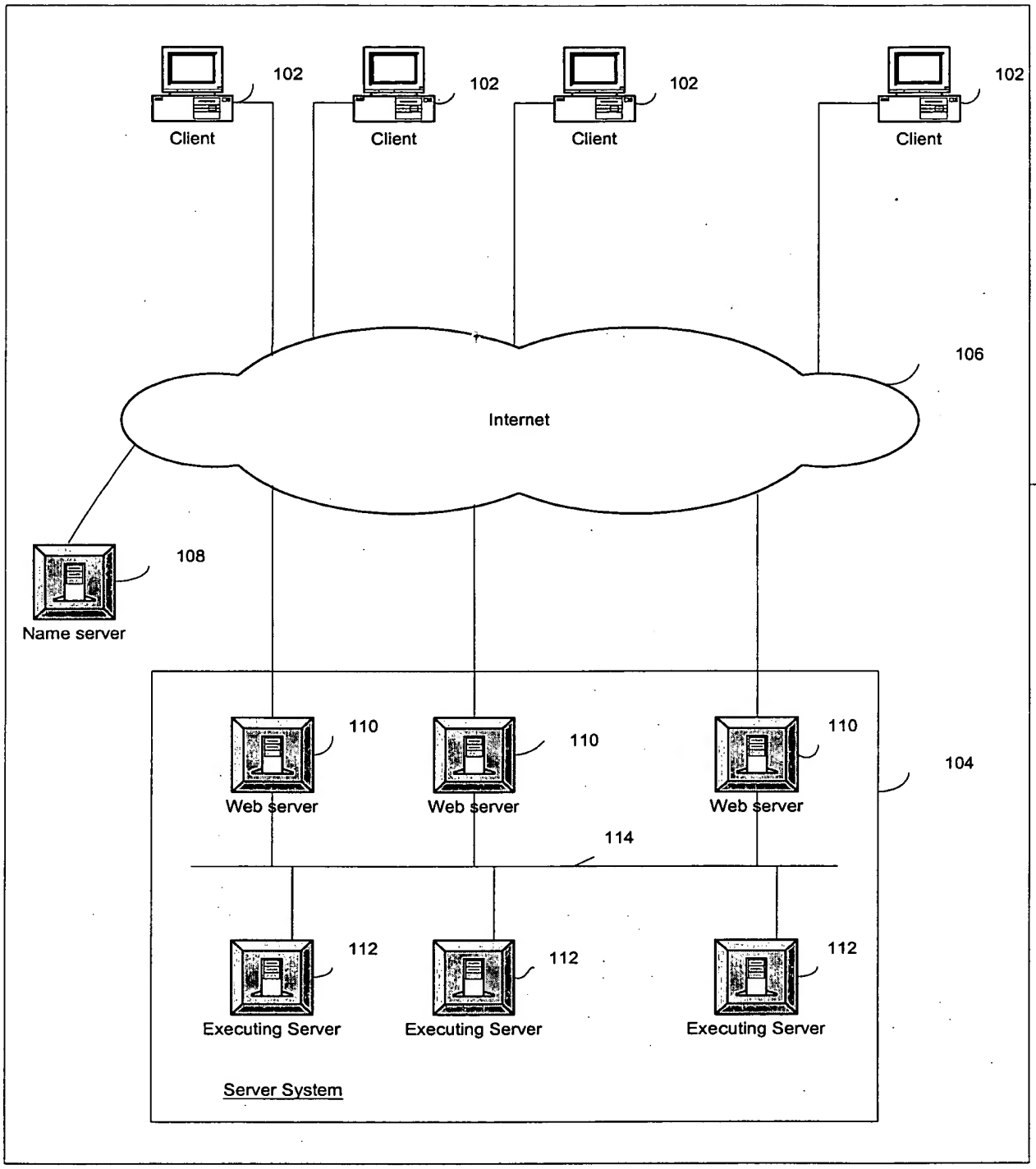
Client
102
Client
102
Client
102
Client
102
Internet
106
100
Name server
108
Web server
110
Web server
110
Web server
110
104
114
Executing Server
112
Executing Server
112
Executing Server
112
Server System

FIG. 1

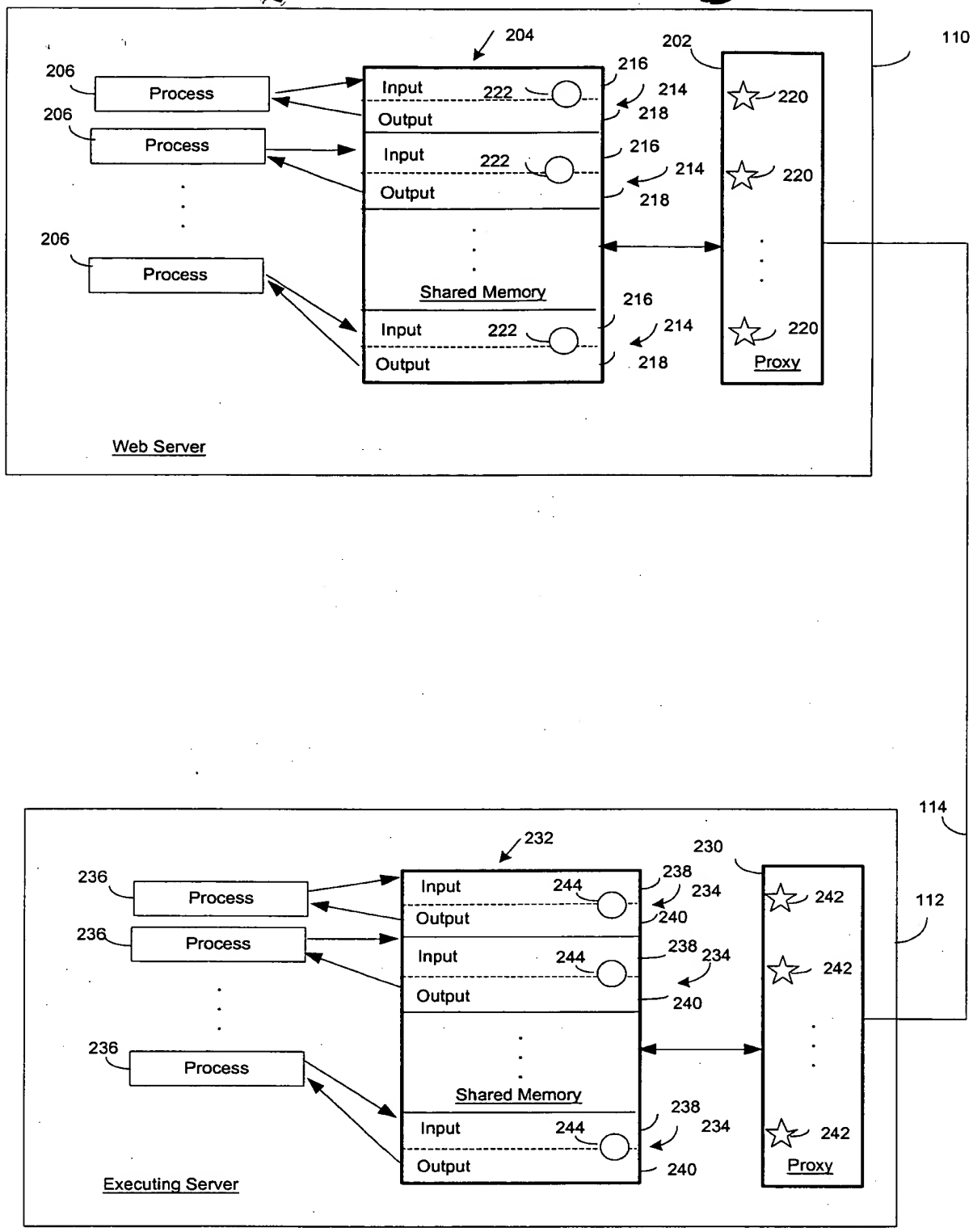
110
204
202
206
Process
206
Process
206
Process
Input
222
Output
216
214
218
Shared Memory
220
Proxy
Web Server
114
232
230
236
Process
236
Process
236
Process
238
234
240
242
112
Executing Server

FIG. 2

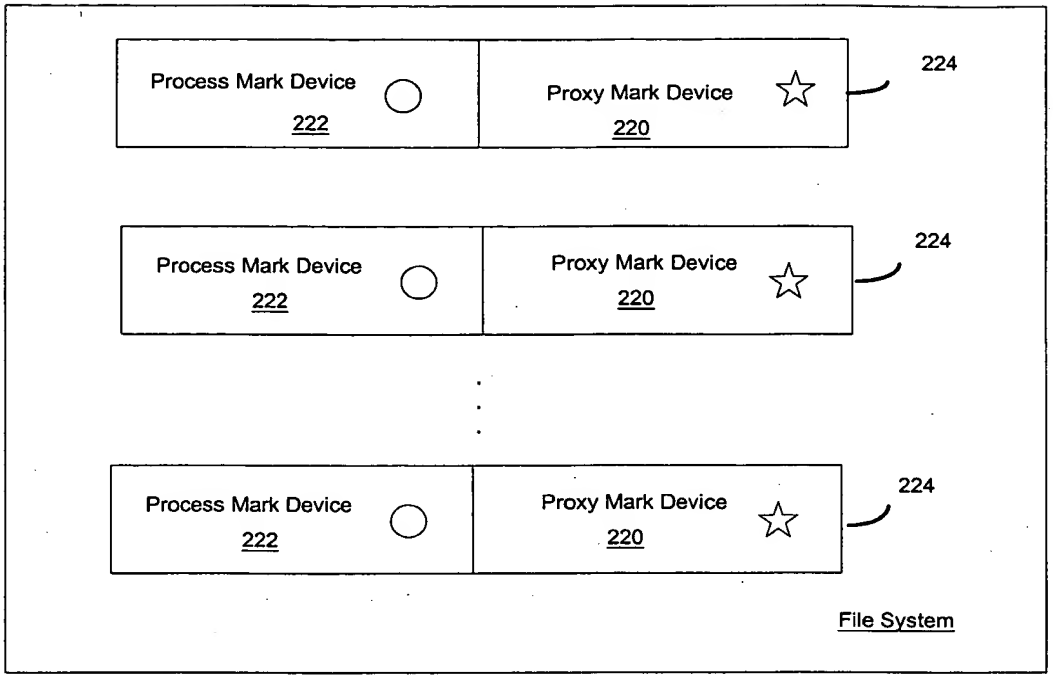
Process Mark Device
222
Proxy Mark Device
220
224
Process Mark Device
222
Proxy Mark Device
220
224
Process Mark Device
222
Proxy Mark Device
220
224
File System

Fig. 3A

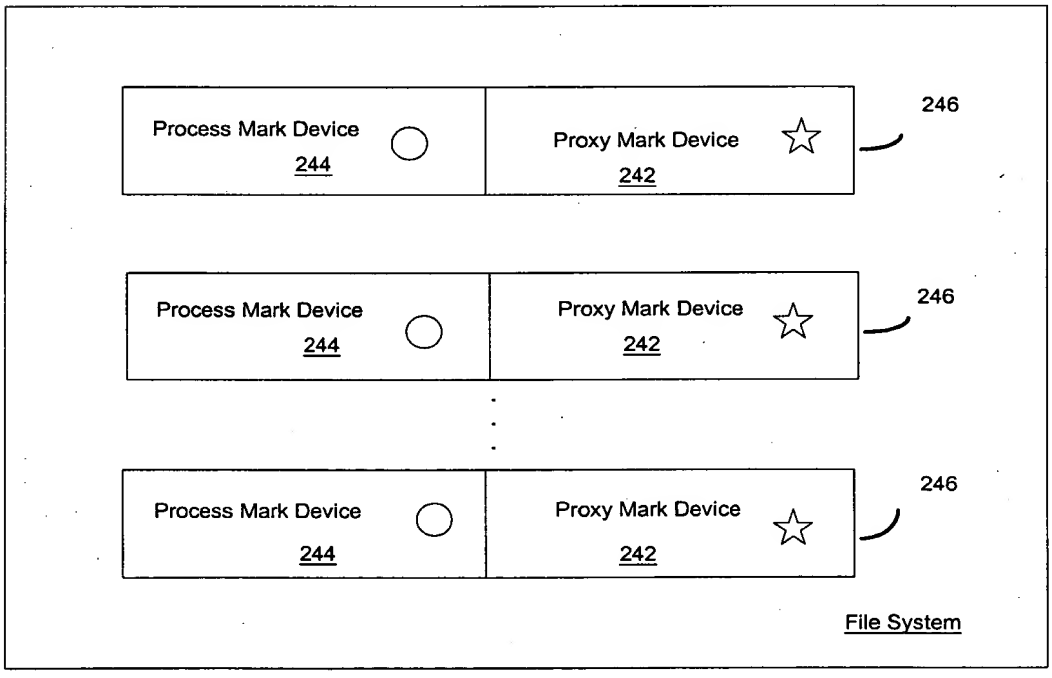
Process Mark Device
244
Proxy Mark Device
242
246
Process Mark Device
244
Proxy Mark Device
242
246
Process Mark Device
244
Proxy Mark Device
242
246
File System

Fig. 3B

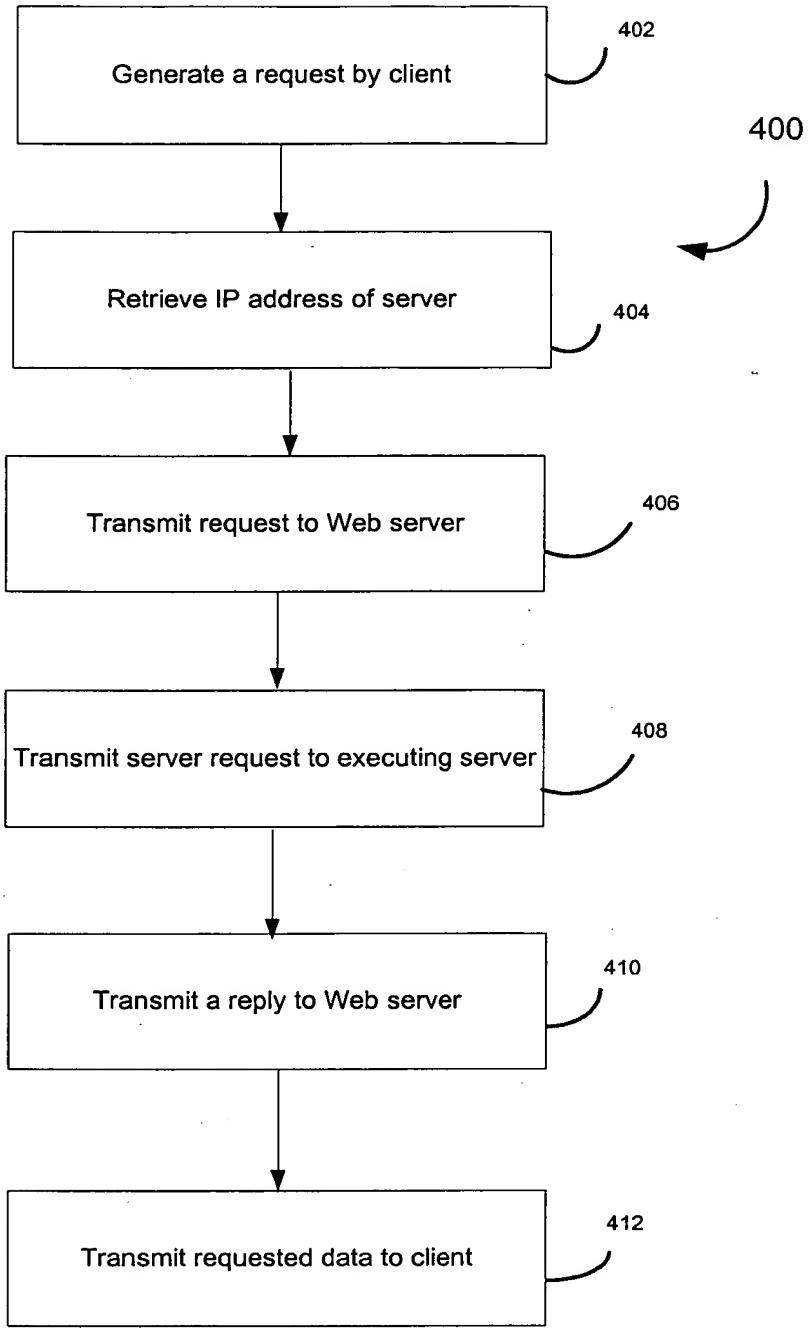
Generate a request by client
402
400
Retrieve IP address of server
404
Transmit request to Web server
406
Transmit server request to executing server
408
Transmit a reply to Web server
410
Transmit requested data to client
412

FIG. 4